Fig. 1

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AAATGTCAGGATTAACCTCCATTTCAGCTAATCATGGGAGAGATTAAAGTCTCTCCTGATTA
TAACTGGTTTAGAGGTACAGTTCCCCTTAAAAAGATTATTGTGGATGATGATGACAGTAAGA
TATGGTCGCTCTATGACGCGGGCCCCCGAAGTATCAGGTGTCCTCTCATATTCCTGCCCCCT
GTCAGTGGAACTGCAGATGTCTTTTTCCGGCAGATTTTGGCTCTGACTGGATGGGGTTACCG
GGTTATCGCTTTGCAGTATCCAGTTTATTGGGACCATCTCGAGTTCTGTGATGGATTCAGAA
AACTTTTAGACCATTTACAATTGGATAAAGTTCATCTTTTTGGCGCTTCTTTGGGAGGCTTT
TTGGCCCAGAAATTTGCTGAATACACTCACAAATCTCCTAGAGTCCATTCCCTAATCCTCTG
CAATTCCTTCAGTGACACCTCTATCTTCAACCAAACTTGGACTGCAAACAGCTTTTGGCTGA
TGCCTGCATTTATGCTCAAAAAAATAGTTCTTGGAAATTTTTCATCTGGCCCGGTGGACCCT
ATGATGGCTGATGCCATTGATTTCATGGTAGACAGGCTAGAAAGTTTGGGTCAGAGTGAACT
GGCTTCAAGACTTACCTTGAATTGTCAAAATTCTTATGTGGAACCTCATAAAATTCGGGACA
TACCTGTAACTATTATGGATGTGTTTGATCAGAGTGCGCTTTCAACTGAAGCTAAAGAAGAA
ATGTACAAGCTGTATCCTAATGCCCGAAGAGCTCATCTGAAACCAGGAGGCAATTTCCCATA
CCTGTGCAGAAGTGCAGAGGTCAATCTTTATGTACAGATACATTTGCTGCAATTCCATGGAA
CCAAATACGCGGCCATTGACCCATCAATGGTCAGTGCCGAGGAGCTTGAGGTGCAGAAAGGC
AGCCTTGGCATCAGCCAGGAGGAGCAGTAGTGTGTCTCTCGCTGTCAATGATGAGTTGACCC
GGTGTGTTCTTGTATAGTCAGTGGCATCAGCACCCGTCAGCCGGCCTTTTCCTTCAGGTTCG
TCAGGCTCACCGGTTCTCACTGTGTCTGGGAAGTAGGACTGATGGTCATCTTCATGACAGGC
GGCATCTCCACTAAGCCTGTGTAACTGTTCCCTCTTTGGTTTTCTTAGCTTTTGAATTTGAA
GAAGTACTTTTGAAGACTCCCATTTTAAGAACCGTGCAGATTTTGCTACCAAAAGTCTTCAC
CACTGTGTTCTTAAGTGAATGTTAATTTCTGAGGTTTGGGACTTTGTGGTGGTTTTTTTCTT
CTTTTCTTTTCCATTCTTCTTTCTTTCTTTTTATGTTGTTTGCTGTAAATGCTGCACATCCA
GATTGCATATCAGGACATTGGTTATTTTATGCTTTCTTGGATATAACCATGATCAGAGTGCC
ATGGCCACTACCCCACTGTTTGCTCTCCTGCAAATCAACTGCTTTTAATTTACACTTAAACA
AATTGTTTTGAGTGTTAGCTACTGCCTTTCTAGATATTAGTCATTTGGAATAAAAATTCAAT
TTC
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Fig. 2

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Met Gly Glu Ile Lys Val Ser Pro Asp Tyr Asn Trp Phe Arg Gly
Thr Val Pro Leu Lys Lys Ile Ile Val Asp Asp Asp Ser Lys
Ile Trp Ser Leu Tyr Asp Ala Gly Pro Arg Ser Ile Arg Cys Pro
Leu Ile Phe Leu Pro Pro Val Ser Gly Thr Ala Asp Val Phe Phe
Arg Gln Ile Leu Ala Leu Thr Gly Trp Gly Tyr Arg Val Ile Ala
Leu Gln Tyr Pro Val Tyr Trp Asp His Leu Glu Phe Cys Asp Gly
Phe Arg Lys Leu Leu Asp His Leu Gln Leu Asp Lys Val His Leu
Phe Gly Ala Ser Leu Gly Gly Phe Leu Ala Gln Lys Phe Ala Glu
Tyr Thr His Lys Ser Pro Arg Val His Ser Leu Ile Leu Cys Asn
Ser Phe Ser Asp Thr Ser Ile Phe Asn Gln Thr Trp Thr Ala Asn
Ser Phe Trp Leu Met Pro Ala Phe Met Leu Lys Lys Ile Val Leu
Gly Asn Phe Ser Ser Gly Pro Val Asp Pro Met Met Ala Asp Ala
Ile Asp Phe Met Val Asp Arg Leu Glu Ser Leu Gly Gln Ser Glu
Leu Ala Ser Arg Leu Thr Leu Asn Cys Gln Asn Ser Tyr Val Glu
Pro His Lys Ile Arg Asp Ile Pro Val Thr Ile Met Asp Val Phe
Asp Gln Ser Ala Leu Ser Thr Glu Ala Lys Glu Glu Met Tyr Lys
Leu Tyr Pro Asn Ala Arg Arg Ala His Leu Lys Pro Gly Gly Asn
Phe Pro Tyr Leu Cys Arg Ser Ala Glu Val Asn Leu Tyr Val Gln
Ile His Leu Leu Gln Phe His Gly Thr Lys Tyr Ala Ala Ile Asp
Pro Ser Met Val Ser Ala Glu Glu Leu Glu Val Gln Lys Gly Ser
Leu Gly Ile Ser Gln Glu Glu Gln End
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Fig. 3

Bco I: 5'-ACCAGCCTCTTGCTGAGTGGAGATG-3'

Bco II: 5'-GACAAGCCGACAACCTTGATTGGAG-3'

Fig. 4

FANCIP1-SP1: 5'-GGGGGCAGGAATATGAGAGG-3'

FANCIP1-SP2: 5'-TTTAAGGGGAACTGTACCTC-3'